

WHAT IS CLAIMED IS:

1. A multilayered circuit board, comprising:  
at least first and second stacked insulating layers,  
5 wherein

the first insulating layer has thereon a first electric conductor made of a conductive film constituting an inductor and a first electrode made of a conductive film constituting a capacitor; and

10 the second insulating layer has thereon a second electrode made of a conductive film constituting a capacitor; wherein

the first and second insulating layers are stacked such that the first and second electrodes are opposed to each other through the insulating layers.

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2. A multilayered circuit board according to Claim 1, wherein:

the first electric conductor is arranged along the outer periphery of the first insulating layer; and

20 the first electrode is arranged inside the first electric conductor and in the center of the first insulating layer.

3. A multilayered circuit board according to Claim 2, wherein the first electric conductor and the first electrode are  
25 connected to each other with a first connecting conductor made of a conductive film.

4. A multilayered circuit board according to Claim 3,  
wherein:

the first electric conductor has a first extension; and  
the second electrode has a second extension; wherein  
5 the inductor and the capacitor are connected in series  
between the first and second extensions.

5. A multilayered circuit board according to Claim 3,  
wherein:

10 the second insulating layer comprises:  
a second electric conductor formed of a conductive  
film constituting an inductor along the outer periphery; and  
the second electrode formed inside the second  
electric conductor and in the center of the second insulating  
15 layer; wherein

the second electric conductor has a first extension  
and the second electrode has a second extension; and  
the inductor and the capacitor are connected in  
series between the first and second extensions.

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6. A multilayered circuit board according to Claim 2,  
further comprising at least one third insulating layer stacked  
on the first and second insulating layers, wherein:

the third insulating layer has a third electric conductor  
25 formed of a conductive film constituting an inductor;

the second insulating layer comprises:

a second electric conductor formed of a conductive

film constituting an inductor along the outer periphery; and  
the second electrode arranged inside the second  
electric conductor and in the center of the second insulating  
layer; and

5       wherein the first electric conductor has a first extension  
and the first electrode has a second extension; and  
the inductor and the capacitor are connected in series  
between the first and second extensions.

10       7. A multilayered circuit board according to Claim 3,  
wherein:

the second insulating layer comprises:  
a second electric conductor formed of a conductive  
film constituting an inductor along the outer periphery; and  
15       the second electrode arranged inside the second  
electric conductor and in the center of the second insulating  
layer; wherein

the second electric conductor and the second electrode are  
connected to each other with a second connecting conductor formed  
20       of a conductive film;

the first connecting conductor has a first extension and  
the second connecting conductor has a second extension; and  
the inductor and the capacitor are connected in parallel  
between the first and second extensions.

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8. A multilayered circuit board according to Claim 3,  
further comprising at least one third insulating layer stacked

on the first and second insulating layers, wherein:

the third insulating layer has a third electric conductor formed of a conductive film constituting an inductor;

the second insulating layer comprises:

5 a second electric conductor formed of a conductive film constituting an inductor along the outer periphery; and

the second electrode arranged inside the second electric conductor and in the center of the second insulating layer; wherein

10 the second electric conductor and the second electrode are connected to each other with a second connecting conductor formed of a conductive film;

the first connecting conductor has a first extension and the third electric conductor has a second extension; and

15 the inductor and the capacitor are connected in parallel between the first and second extensions.